



OAQ Process Information Application
PI-03: STORAGE & HANDLING OF BULK MATERIAL

State Form 52543 (2-06)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
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www.IN.gov/idem/air/permits/index.html

NOTES:

- The purpose of this form is to obtain detailed information about the storage and handling of bulk materials. Complete one form for each process (or group of identical processes). Use additional forms if necessary. This is required form.
- Detailed **instructions** for this form are available online at www.IN.gov/idem/air/permits/apps/instructions/pi03instructions.html.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

PART A: Storage & Handling Information

Part A identifies all process units associated with storage and handling process for bulk materials. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data.

1. Equipment / Component Type	2. Unit ID	3. Number of Identical Units	4. Installation Date (see instructions)	5. Material Handled/ Stored	6. Maximum Materials Throughput Rate (tons/year)
Coke Storage and Handling				Coke	2,190,000

7. Add-On Control Technology: *Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").*

☒ None

☐ Baghouse / Fabric Filter – Attach CE-02.

☐ Cyclone – Attach CE-03.

☐ Electrostatic Precipitator – Attach CE-04.

☐ Absorption / Wet Collector / Scrubber – Attach CE-05.

☐ Adsorber – Attach CE-07.

☐ Other (specify): – Attach CE-10.

8. Control Techniques: *Identify any other air emission control options used for the process.*

Dust suppression, enclosures

9. Process Limitations / Additional Information: *Identify any acceptable process limitations. Attach additional information if necessary.*

PART B: Process Material Information

Part B summarizes the process material information. Provide the information in the items below for each material stored and/or handled in this process.

10. Material Handled/Stored (from table above)	11. Method of Handling	12. Type of Storage	13. Storage Capacity (tons)	14. Pile Acreage	15. Silt Content (% by weight)	16. Moisture Content (% by weight)
Coke	Front-end loader	Enclosed Pile	18,000	TBD	5.40%	8

PART C: Emission Factors

Part C identifies all emission factors used to calculate air emissions from the process units listed on this form.

17. Process Equipment & ID (complete for all units listed in Part A of this form)	18. Air Pollutant	19. Emission Factor		20. Source of Emission Factor (if not using AP-42, include calculations)
		value	units	
Coke Storage and Handling	Please refer to Appendix C.		Lbs/units	<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
			Lbs/units	<input type="checkbox"/> AP-42 <input type="checkbox"/> Other

PART D: Federal Rule Applicability

Part D identifies any federal rules that apply to the process.

21. Is a **New Source Performance Standard (NSPS)** applicable to this source? ☐ Yes ☒ No
If yes, attach a completed FED-01 for each rule that applies.

- | | |
|--|--|
| <input type="checkbox"/> 40 CFR Part 60, Subpart CC | Glass Manufacturing Plants |
| <input type="checkbox"/> 40 CFR Part 60, Subpart DD | Grain Elevators |
| <input type="checkbox"/> 40 CFR Part 60, Subpart HH | Lime Manufacturing Plants |
| <input type="checkbox"/> 40 CFR Part 60, Subpart LL | Metallic Mineral Processing Plants |
| <input type="checkbox"/> 40 CFR Part 60, Subpart UU | Asphalt Processing and Asphalt Roofing Manufacture |
| <input type="checkbox"/> 40 CFR Part 60, Subpart OOO | Non-Metallic Mineral Processing Plants |
| <input type="checkbox"/> 40 CFR Part 60, Subpart UUU | Calciners and Dryers in Mineral Industries |

22. Is a **National Emission Standard for Hazardous Air Pollutants (NESHAP)** applicable to this source? ☐ Yes ☒ No
If yes, attach a completed FED-01 for each rule that applies.

- | | |
|--|------------|
| <input type="checkbox"/> 40 CFR Part 61, Subpart _____ | (Specify): |
| <input type="checkbox"/> 40 CFR Part 63, Subpart _____ | (Specify): |

23. **Non-Applicability Determination:** Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.